

THE ST. LOUIS REPUBLIC.

WORLD'S FAIR—NOW OPEN—CLOSES DEC. 1.

NINETY-SIXTH YEAR.

THURSDAY, MORNING, MAY 26, 1904.

PRICE {In St. Louis, One Cent.
Outside St. Louis, Two Cents.
On Trials, Three Cents.

FEATURES OF THE WORLD'S FAIR.

MEASURING BRAIN POWER.

That typical young woman, whose associates bridge her nose well down towards its tip, who evidently is confident of the high quality of her intelligence, turned suddenly upon Doctor W. S. Woodworth, saying sharply:

"But I don't believe that you or anybody else can determine my mental capacity." The elderly man, who was sitting in the metric section of the Anthropology department, where Doctor Woodworth and his associate, Frank C. Hunter, both of Columbia University, are conducting experiments which deal with the physical and mental peculiarities of various races.

"Possibly not," said Doctor Woodworth, "but we can observe, in some instances, at least how quickly your brain will act. For instance, with this apparatus, we can measure exactly the time required for a mental operation."

"Now we will say that you are to take your finger from one of these boxes," said the doctor. "When I say the other box, you are to remove your finger. As I say, it opens a circuit, and when you move your finger the circuit is closed. By this means the exact interval between the opening and the closing of the circuit is measured on the dial here."

He tapped. The young woman moved her finger away. Then she demanded to know the figures on her mental processes. But Doctor Woodworth has no electric current as yet in his division for the measurement of the apparatus. Evidently this was a serious disappointment to the young woman.

"It probably would have been about fifteen one-hundredths of a second," he continued. "That is about the time as demonstrated previously with minds of scientific men, and the average of scores of the results very great. It does not follow that surprising quickness in so simple a mental operation indicates an unusually good mind. But it certainly is a means of determining mental characteristics. When data of experiments with various races are collected and when the experiments cover various fields, it affords comparative statistics on the mental traits of different peoples."

Such unusual tests—any unusual test to anybody who has not personally studied experimental psychology—are the means taken by Doctor W. S. Woodworth, director of the Division of Anthropology and Ethnology, to make observations upon the mental characteristics of the races which have been assembled on the World's Fair grounds.

Anthropological characteristics distinguish peoples. The Northern Europeans, Germans and Saxons, have long heads; the French and related populations of Central Europe have round heads; those of Southern Europe have long heads. Color, hair, skin, distinguishes them from the others. But such are commonplaces of difference.

In the various countries, mental as well as physical peculiarities appear. Anthropology, or the science of man, finds it necessary to make these distinctions, and marks as far as possible. Ethnologists, gathered, deductions follow, which, to a certain extent, may be accurately ventured. These deductions may or may not be of great value to the world at large. But in some directions fruitful observations are promised. It is, for instance, the origin of the Indian, a question which has puzzled many, can be explained in this manner, the labor will have been well worth while. If, again, the reasons for the special sense acuteness of primitive peoples can be determined, or if it can then be decided that civilized conditions injure the strength of the eye as an organ, added knowledge concerning optics will have been garnered.

The inquiry, moreover, deals with the seat of intelligence, and affords room for some definite theorizing on the nature of intelligence, or of the seat of reasoning, or a theory as to the origin of reasoning or intelligence," said Doctor Woodworth, "has followed an extensive series of such

experiments. One of the latter will be shown here.

"We have a kind of a box which opens with a latch, a simple device. We put a cat, say, inside the box. It is a matter of interest to know how quickly the cat will discover how to get out. The time has been taken under such circumstances. The cat was in the first interval with remarkably quick period. The animal will do it more quickly the next occasion, and so on. Now does the cat actually learn to think its way out of the predicament, or does it act instinctively, after noting the external associations of the experience?"

"It will be observed under such conditions that the cat does not reflect on the situation and thus reason to the simple expedient of pulling the latch. It learns by association. Different animals will discover varying degrees of such 'mental capacity.' A monkey is the most intelligent of all, though even it does not reason independently. But with a box in which are several latches, which must be pulled in exactly the same order, a monkey will discover the combination. After the first trial, he will do the same thing over in exactly the same way, more and more quickly."

"After a brief series of such experiments the theory was advanced that the intelligence of man was developed into independent reasoning in advance from simple to complicated."

"The box experiment we will try here upon you. Of course, it amounts to a kind of riddle, but it will be interesting to note whether a savage's mind, an undeveloped mind, and then whether he will do better the second time, and how much better. At any rate, the method permits of taking definite measurements of mental operations. One experiment may lead to an important result; we can never tell exactly how significant the outcome will be until the tests have been made."

Doctor Woodworth's exhibit room for posing the physical characteristics of his World's Fair visitors reminds one of the penny-in-the-slot parlor, where we may test our punching ability, our lung power, weigh ourselves, etc. Here, you blow, here, you are weighed. Here, you reach it measured; there, your strength of grip is determined.

But this branch of the experimentation includes other diversions, especially in connection with the study of the eye, which are not so commonplace. Color perceptions, susceptibility to optical delusions and the accuracy of vision and distance of vision are among the human qualities upon which statistical information is sought in this manner.

The degree of color perception forms one of the most interesting of the fields of investigation. Doctor Woodworth has a box containing wooden yarn of various colors, from the primary colors to the numerous other tints of the rainbow.

Of course, some persons are color blind, and will mistake a brilliant blue for a glaring red. But there are degrees of color blindness, and one may distinguish simple shades, but will fail to note slight differences; another may be color blind to blue. The subjects of the experiments are merely asked to sort out the yarn which seems to them of closely related hues. In doing so, one often will include colors which are related, but are far from harmonious, and which do not match in the remotest sense. Others will require a much closer resemblance.

The principal importance of the experiment lies in its application to the primitive peoples. The primitive taste runs to bright, red and blue, with occasional simple shades, but will fail to note slight differences; another may be color blind to blue. The subjects of the experiments are merely asked to sort out the yarn which seems to them of closely related hues. In doing so, one often will include colors which are related, but are far from harmonious, and which do not match in the remotest sense. Others will require a much closer resemblance.

WIFE OF THE GOVERNOR OF ILLINOIS.



MRS. RICHARD YATES.
Who will act for several weeks as hostess of the Illinois building, which will be dedicated to-morrow.

SAYS COCKRELL'S BOOM IS GROWING

Representative J. T. Lloyd Dismisses Missouri's Preference for President.

NOT PLEASED WITH PARKER.

Leaders Think He Stands Too Close to Hill, and Hearst Does Not Attract Because of His Inexperience.

CHANCE REUNITES ST. LOUIS COUPLE

Joseph Wilcox, Applying for Aid in Cleveland, Is Discovered by His Wife.

EACH THOUGHT OTHER DEAD.

Became Separated During the Floods of Last Year, and After Search Were Going to Old New York Home.

YAZOO CITY, MISS., ALMOST ENTIRELY DESTROYED BY FIRE

Richest City in Mississippi River Delta Now Lies in Ashes.

BUSINESS SECTION WRECKED.

Two Hundred Buildings Are Burned and Loss Is Estimated at \$2,500,000.

GOVERNOR FIGHTS FLAMES.

Heads Greenwood Department on Record-Breaking Run to Stricken Town; John Sharp Williams a Hero.

REPUBLIC SPECIAL.

Jackson, Miss., May 25.—Yazoo City, the wealthiest town in the Mississippi Delta, located forty-five miles north of this city, was swept by the fire flood today, and to-night not a single business house in the town is left standing.

Over 200 buildings were swept by the flames, and the losses are estimated between \$2,000,000 and \$2,500,000. The first figure will probably cover the total destruction.

Your correspondent has just returned from the scene of the conflagration. The fire was beyond all comparison the most disastrous that ever occurred in the history of Mississippi.

Hundreds of persons are homeless, seeking shelter wherever offered, and appeals have been sent out to ship in food and provisions.

Many are destitute. Every grocery store and provision house has been looted up by the flames.

To-night the town is under martial law by order of Major Williams. The local military company has been called out and the Greenwood company is en route to reinforce the local command.

Several negroes who were caught in the attempt to steal valuables have been placed under arrest.

Three persons are known to have been seriously injured and rumors are current that several negroes perished in the flames. These reports cannot be confirmed. The devastation of the business district is complete.

Twenty-eight blocks were licked clean by the flames, and the blackened brick walls and smoldering embers mark the spot where handsome buildings stood. Of the total number of buildings destroyed, fully 200 were magnificent residences, many of old Colonial architecture and occupied by some of the wealthiest citizens of the South.

The fire started in the residence of John Wise of Main and Main streets. The flames were first discovered in the parlor. The occupants say that there had not been a fire in the room for four months. The house is located on either side of electric wires or rats with matches.

From building to building the fire leaped down the west side of Main street to Jefferson, thence to the east side, and within a half hour every business structure of the thoroughfare had been destroyed. From Jefferson the fire burned to the

Continued on Page Three.

LEADING TOPICS

—13—

TO-DAY'S REPUBLIC.

THE SUN RISES THIS MORNING AT 4:40 AND SETS THIS EVENING AT 7:14. THE MOON SETS THIS MORNING AT 2:25.

GRAIN CLOSING: ST. LOUIS—JULY WHEAT, 84 1/2@85; JULY CORN, 65 1/2@66. CHICAGO—JULY WHEAT, 85 1/2@86; JULY CORN, 65 1/2@66.

For Missouri—Hills cooler Thursday; fair Friday; warmer in West.

For Texas—Fair Thursday, except showers in northeast; fair Friday.

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1. Says Cockrell Boom is Growing.

Features of the World's Fair.

2. Indiana Building Dedication June 3.

Champ Clark Ties on Banking.

Long State Well Represented.

3. Says Walbridge Has Good Chance.

Floor Falls With Four Firemen.

Ohio Convention Does Not Instruct.

4. The Republic's Daily Ration Form Charts.

Race Results and Entries.

5. Baseball Scores.

6. World's Fair News.

7. News From Near-By Cities.

Bailly Refuses to Appoint White.

Change in Name Not Approved.

8. Editorial.

Miss Roosevelt Will Be Guest of Honor at Many Social Affairs.

9. The Stage.

Real Estate News and Transfers.

Ohio Important Post With New York Subway.

11. Financial News.

Summary of the Local Grain Market.

12. Republic "Want" Ads.

Birth, Marriage and Death Records.

New Corporations.

13. Republic "Want" Ads.

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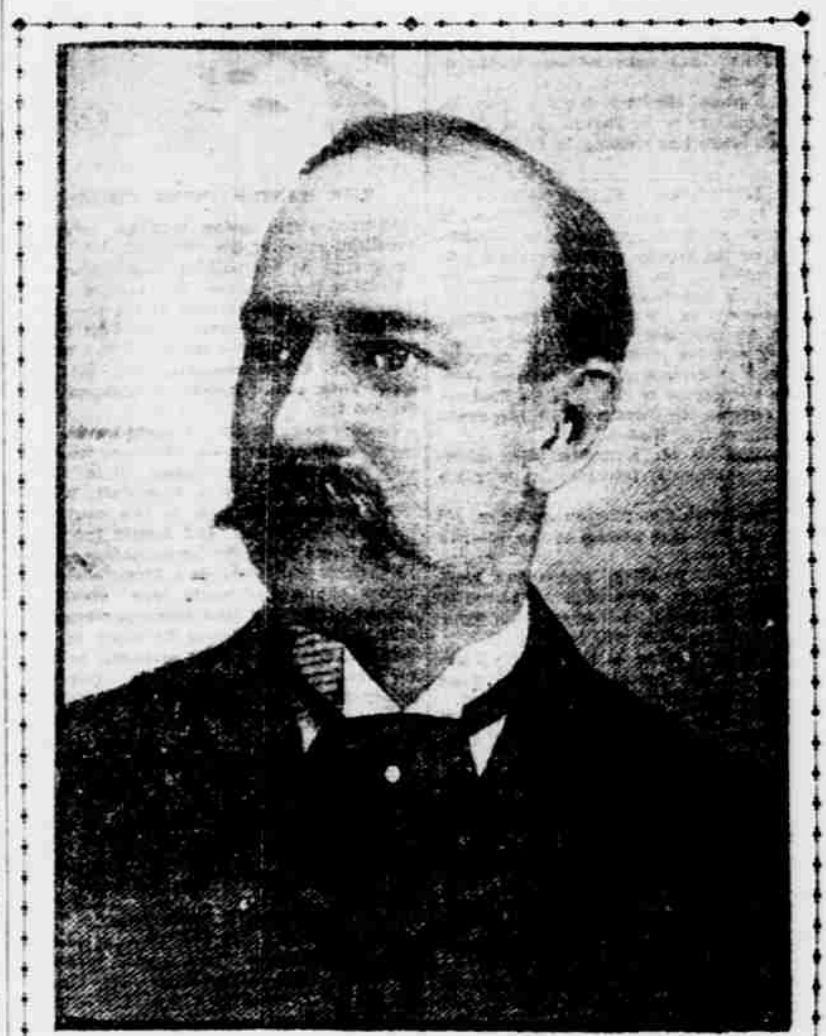
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100. Republic "Want" Ads.

JOHN W. KAUFFMAN DEAD; EXPIRED SUDDENLY AT HOME

Heart Failure Caused Ending of Retired Grain Dealer and Speculator While He Was Resting on Couch in Sitting-Room—Daughter Discovered Lifeless Body When She Went to Call Him for Dinner—Had Not Been Feeling Well for Several Weeks.

WELL KNOWN IN ST. LOUIS AND CHICAGO MARKETS.



JOHN W. KAUFFMAN.
Retired grain merchant, who died suddenly of heart failure at his home at Lindell and Kings highway boulevards.

John W. Kauffman, the retired grain dealer and speculator, who several years ago started the stock markets of Chicago and St. Louis with his daring speculation in grain, died suddenly of heart disease at his home at Kings highway and Lindell boulevard at 6 o'clock last evening.

Mr. Kauffman had not been feeling well for several weeks, as he had been suffering from a violent cold, which he contracted some time last month, but he had recovered sufficiently to go downtown yesterday afternoon, when he called upon some of his business associates. Mr. Kauffman returned home late in the afternoon, and went into the sitting-room to arouse him. Her efforts to awaken her father revealed the fact that he was dead.

A physician was called, but it was too late, as Mr. Kauffman had probably died soon after being found.

When dinner was announced Mr. Kauffman did not appear. One of his daughters, thinking that he had fallen asleep, went into the sitting-room to arouse him.

Her efforts to awaken her father revealed the fact that he was dead. A physician was called, but it was too late, as Mr. Kauffman had probably died soon after being found.

NATIVE OF OHIO.
Mr. Kauffman was born in Dayton, O., sixty years ago. When he was quite young his parents moved to Iowa City, Ia. He was entered in the college situated at Mount Pleasant, Ia. Here he remained at school until the Civil War.

When war was declared Mr. Kauffman, who was quite a young man, enlisted in the Twenty-fourth Iowa regiment, continuing in the service until 1863, when he was discharged on account of poor eyesight.

After being discharged from the service he came to St. Louis and engaged in the service of E. O. Starnard & Co., in the capacity of a clerk, where he remained for twenty years, rising to the position of junior partner.

Mr. Kauffman then engaged in business for himself, organizing the Kauffman Milling Company, which he continued until a few years ago. It was during the time that he was engaged in the milling business that he made the speculations which made him a wealthy man. During the year 1895 he was president of the Merchants' Exchange of St. Louis.

ALSO A REAL ESTATE MAN.
In his home, which is one of the handsomest in St. Louis, and the grounds of which extend from Maryland avenue to Lindell boulevard, Mr. Kauffman has formed one of the most complete private art galleries in the United States. In it are the canvases of nearly all of the modern masters, as well as rare bits of sculpture and mosaic work, which are almost priceless in value.

In this art gallery, which is composed of four corridors, converging into a central dome, is a large pipe organ, upon which Mr. Kauffman frequently played.

Beside being a passionate lover of art and music, Mr. Kauffman was a staunch churchman. He contributed largely to the building of the Lindell Avenue Methodist Church, of which he was a member, and was a large contributor to many charitable institutions.

He leaves a wife, Mrs. Nellie Bronson Kauffman, two daughters, Margaret and Violet, and one son, Harold, who was in New York City at the time of his father's death. He was notified last night and started immediately for St. Louis. The funeral arrangements will not be made until his arrival.

Mrs. R. O. Starnard of No. 469 Lindell boulevard is a sister of Mr. Kauffman.

HANNA'S PICTURE ON BONDS.

Panama Canal Issue to Be History of His Services.

REPUBLIC SPECIAL.
Washington, May 25.—In recognition of his services in advocating the Panama Canal and the ratification of the treaty, the picture of the late Senator Hanna will adorn the bonds to be issued by the Government for the construction of the work.

Secretary Shaw decided this today and gave orders to the Bureau of Engraving and Printing to have the plates prepared. This, however, does not mean that the new bonds will be issued at once.

JAPS ARRIVE NORTH OF DALNY.

Result of Battle Fought on Sunday Has Not Been Learned.

RUSSIANS FOUGHT FIERCELY.

Parties of Japanese Scouts Seen Northeast of Mukden, but Troops Not Yet Located.

Chefoo, May 25, 11 a. m.—A junk which left Dalny on the night of the 23d and arrived today reports that the Japanese army reached Sansurpo, north of Dalny, that the Russians offered stubborn resistance, and that a battle was fought at noon on the 22d, the result of which has not been learned.

Mukden, May 25, 11 p. m.—According to the latest information obtainable, the Japanese have resumed their forward movement. Several columns are advancing, though the bulk of the invading army is still near Fung-Wang-Chong.

There are persistent reports of a bloody battle having taken place between the Japanese army advancing along the railroad from Dulian and the Russians, near Kin-Chow, Liao-Tung Peninsula, resulting in the defeat of the Japanese, with great loss.

Small parties of Japanese scouts have been seen northeast of Mukden, at a considerable distance, but no important body of the enemy has been located in this vicinity.

SPIRITS SAY YOUNG MAN WAS KILLED IN ST. LOUIS.

Indiana Bride Will Have Investigation Started Here Because Planchette Says Her Husband Was Murdered.

REPUBLIC SPECIAL.
Indianapolis, Ind., May 25.—A Marion, Ind., special says Otis Van Blaricum left home two weeks ago to transact business. He told his young wife and mother he would write in two or three days. Yesterday Mrs. Van Blaricum could not get the response longer and notified the police.

Sergeant James Thompson and Humane Officer Gidding went to her home. She said she believed in the power of spirits to reveal the location of missing ones, and requested the officers to assist her in operating in planchette, which she had borrowed from a spiritualist.

The officers were skeptical, but the young bride was so in earnest they consented to ask the board where Van Blaricum went when he left Marion.

The answer was quickly written by the board: "St. Louis."

"What has become of him?" was asked. "Killed Monday, May 9, at noon in St. Louis by a gambler, body hidden in a vault."

The officers were so puzzled and impressed with the result that an investigation will be made in St. Louis.

THE EXPLANATION.

How the New York Post Accounts for the Folk Presidential Boom.

REPUBLIC SPECIAL.

New York, May 25.—The New York Evening Post, under the caption,

"The Explanation," prints the following:

"How do